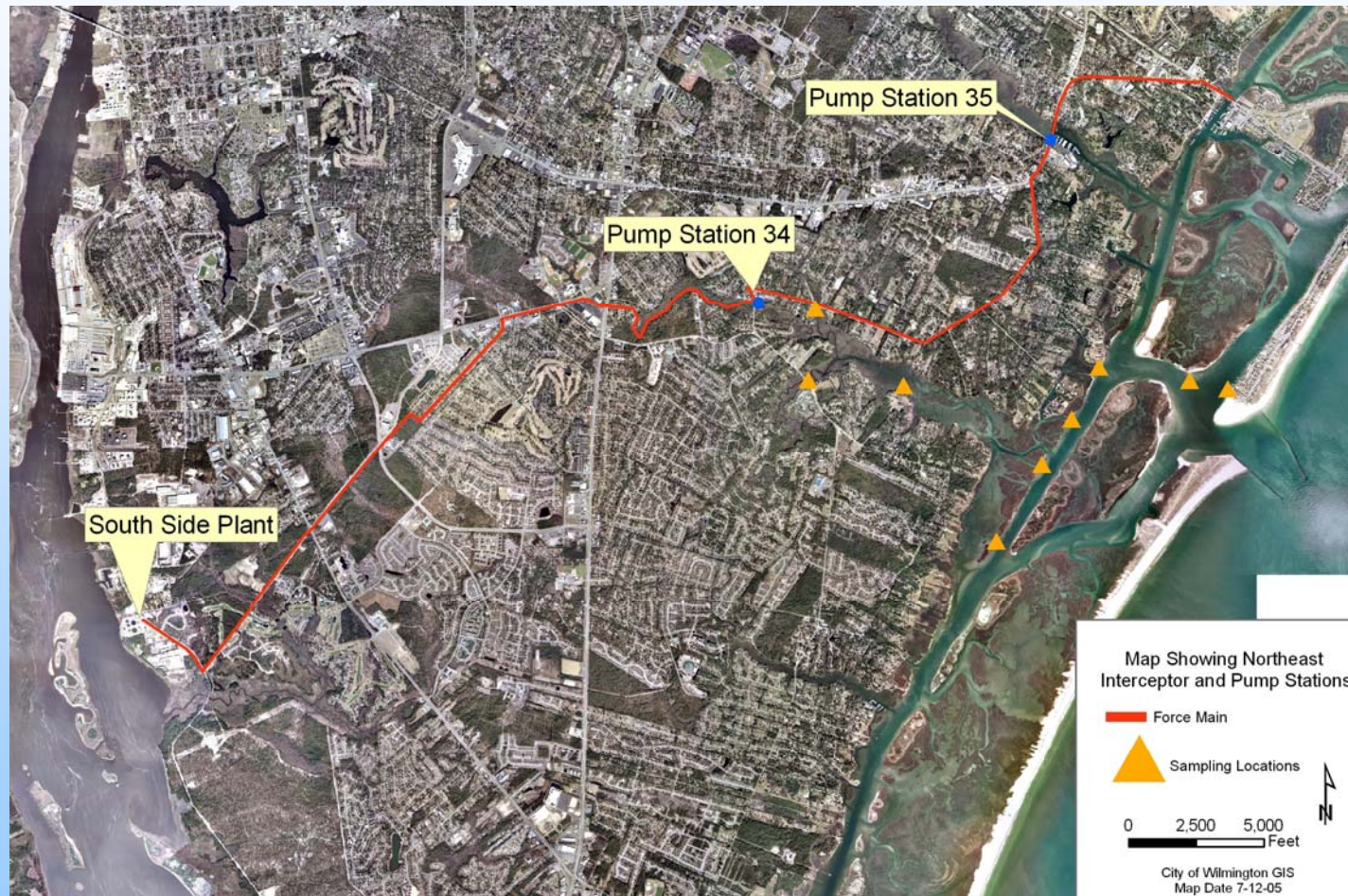




Northeast Interceptor Update

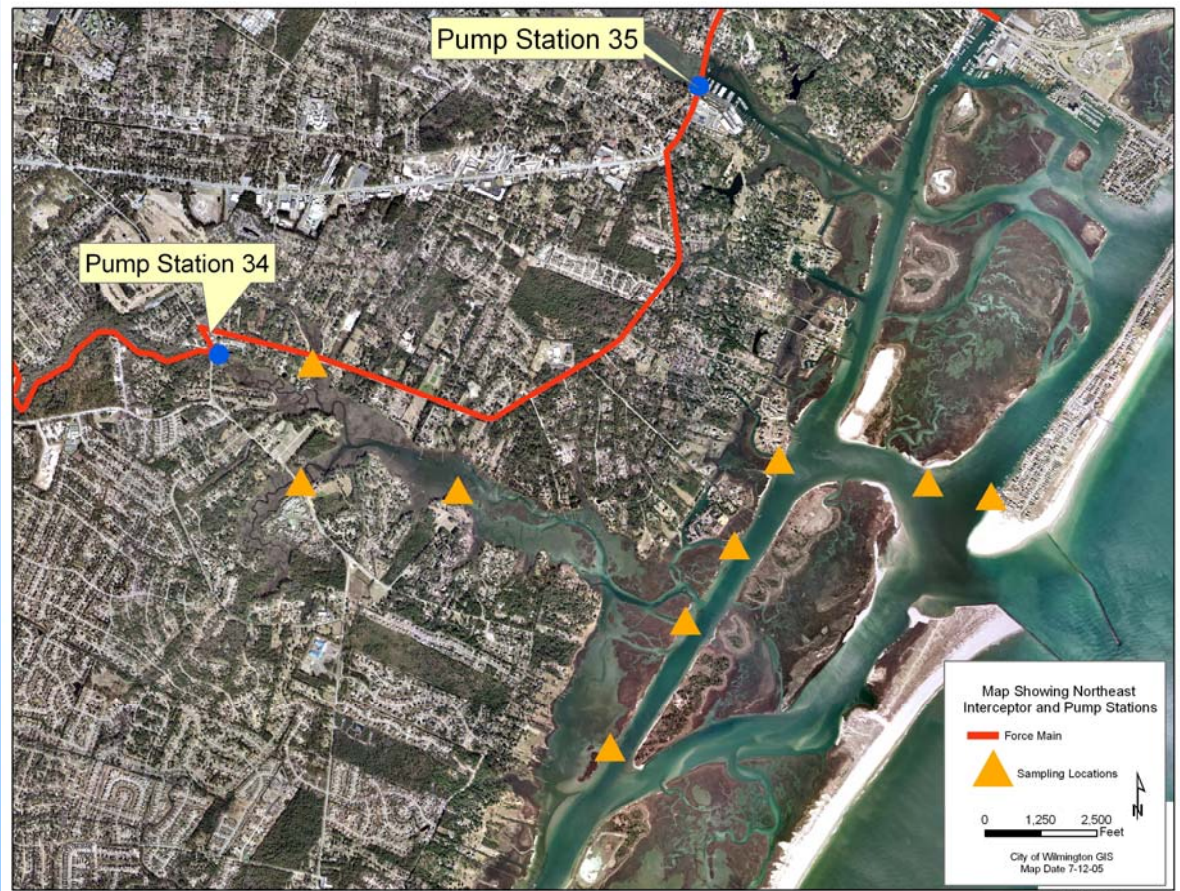
City Council
March 7, 2006

Overview of the Northeast Interceptor Sewer System



Overview of the Northeast Interceptor Sewer System

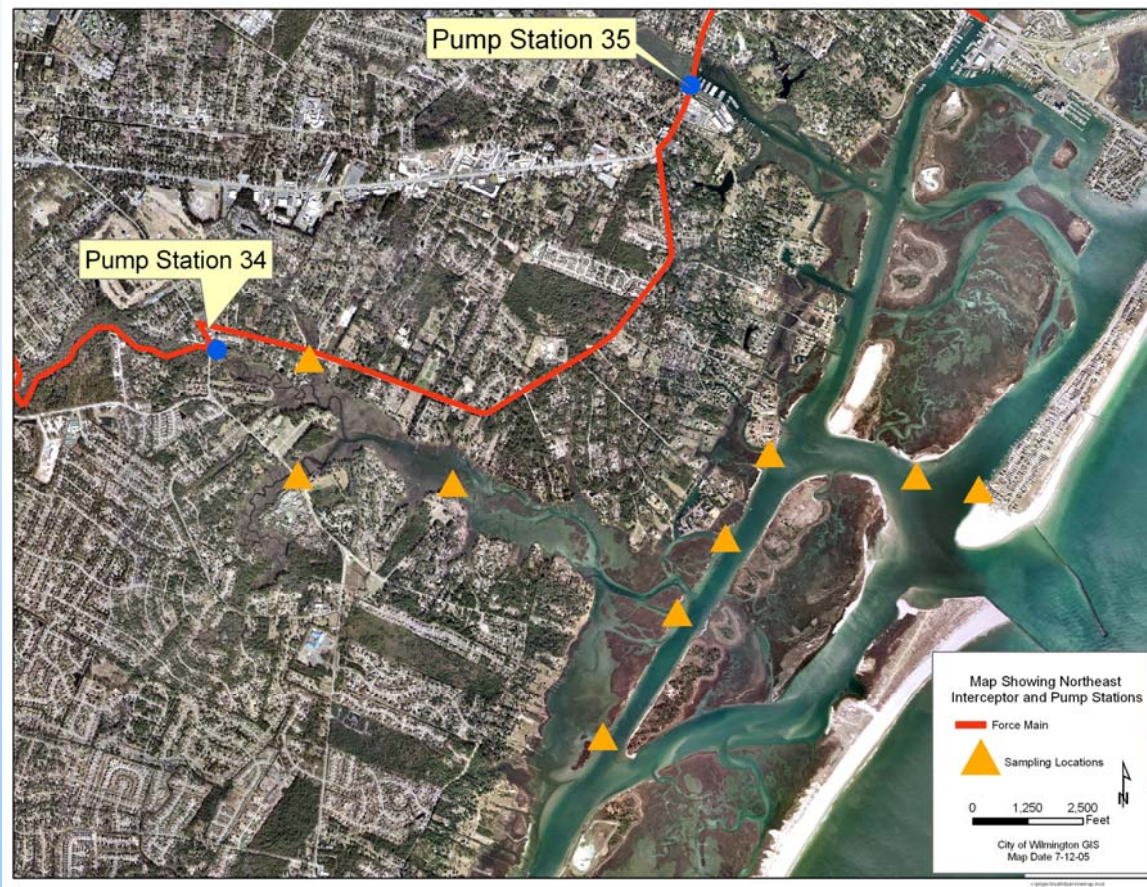
- ❖ Constructed in 1984/85
- ❖ Built with EPA funds
- ❖ Design and construction managed by New Hanover County
- ❖ Includes two pump stations and approximately nine miles of pipeline



Overview of the Northeast Interceptor Sewer System

- ❖ Approximate waste water contribution to the NEI (based on 2005 figures) :
 - 60% of flow from County customers
 - 18% of flow from Wrightsville Beach
 - 22% of flow from City customers

Major NEI Improvements



- ❖ Odor Corrosion System Upgrades
- ❖ Pump Station Capacity Upgrades
- ❖ Standby power
- ❖ SCADA System
- ❖ Replaced approximately 5068 feet of NEI

System improvements underway

- ❖ Assessment of NEI underway
 - Identify potential weak spots
 - Make immediate repairs if needed
 - Make recommendations for long-term improvements, to include:
 - Proposed priorities and timelines
 - Cost estimates
- ❖ NEI assessment
 - Completed within five months, with emergency repairs made sooner if needed

System improvements underway

- ❖ 2,300 feet of NEI pipe to be replaced near Shipyard Boulevard
 - Design complete
 - Begin advertising for bids in three weeks
- ❖ Shipyard replacements completed within 36 weeks

Other Improvements

- ❖ Assessment of entire system underway
 - Carries over 14 million gallons of waste water daily
 - Includes 400 miles of pipe, 31 pump stations, 10,400 manholes
- ❖ Overall assessment
 - Completed within six months